

Alaska Energy Authority - Defense Community Infrastructure Pilot Program

FY2024 Request: \$3,000,000
Reference No: AMD 65130

AP/AL: Appropriation
Category: Development
Location: Statewide
Impact House District: Statewide (HD 1 - 40)
Estimated Project Dates: 07/01/2024 - 06/30/2029

Project Type: Energy
Recipient: NA
House District: Statewide (HD 1 - 40)
Contact: Curtis W. Thayer
Contact Phone: (907)771-3000

Brief Summary and Statement of Need:

The Defense Community Infrastructure Pilot Program provides funding to state and local governments through competitive applications that will be used to address deficiencies in community infrastructure supportive of a military installation. As this project moved towards construction, the overhead line crossed the Donnelly Drop Zone, an extremely important training area. This funding is needed to bury the line through this section of the project. Golden Valley Electric Association (GVEA) is the recipient of these funds. No state match is required.

Funding:	FY2024	FY2025	FY2026	FY2027	FY2028	FY2029	Total
1002 Fed Rcpts	\$3,000,000						\$3,000,000
Total:	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input checked="" type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

Sec17 Ch1 SLA2023 P120 L18 HB39 \$12,752,540

Project Description/Justification:

Alaska Energy Authority (AEA) was approached by GVEA to apply for this funding on their behalf in early July 2022. GVEA will extend an electric power line approximately thirty-four miles to the south, making electrical power available to Black Rapids Training Site. Final details including exact route specifications are in process. The route is expected to transverse Department of Transportation and Public Facilities (DOT&PF) easements. The United States Army Garrison Alaska and DOT&PF has offered support for the extension.

The Black Rapids Training Site (BRTS) is powered by three diesel gensets that are approaching replacement. Replacement costs are estimated at over \$25 million over the next 25 years. The lack of an energy source that is reliable, safe, and clean creates significant challenges for the site and accounts for the degradation of military value and resilience. Critically, it even negatively impacts the quality of life for military personnel and their families. A major concern is the lack of backup support for the generators. Their reliance on diesel fuel deliveries from outside creates the possibility of a catastrophic failure, potentially stranding the site without electric or water, as the water supply is

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dependent on electric powered pumps. This very real crisis is threatening with the washout of Bear Creek.

The project start date for this grant award is 7/1/2024, estimated completion 6/30/2026.

No cost match is required, but GVEA has committed \$272,328 for a total project \$13,024,868.

This project moved through final design and NEPA over the course of 2023. The overhead line crossed the Donnelly Drop Zone, an important training area for the military. An alternate was considered as well as funding to bury the line. After much consideration, the Army has identified funding to bury the line through the drop zone area. Those funds (est \$3,000,000) will be passed through the grant award with AEA to GVEA for construction of the line extension to the Black Rapids Training Site.